

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings and versions of claims in this application.

Claim 1. (Currently Amended): An anti-tumor agent derived from reptile serum, ~~comprising at least one serum protein from normal reptile serum, obtained by a process comprising the steps of: a) fractionating the serum by the addition of ammonium sulfate salt in an amount of about 45% of the amount necessary to form a saturated solution; b) centrifuging the serum to recover the precipitated proteins; c) redissolving the precipitate and desalting the recovered proteins; d) fractionating the desalted protein; and e) collecting at least one active fraction, wherein the anti-tumor agent comprises a first protein having a molecular weight in excess of 100,000 Daltons and a second protein having a molecular weight in excess of 200,000 Daltons.~~

Claims 2-6: (Canceled)

Claim 7. (Currently Amended) The anti-tumor agent of claim 5 ~~1~~ wherein the anti-tumor agent comprises a first protein having a molecular weight of about 150,000 Daltons and a second protein having a molecular weight of about 700,000 Daltons.

Claim 8. (Currently Amended) The anti-tumor agent of claim 4 ~~1~~ wherein the protein is an immunoglobulin.

Claim 9. (Original) The anti-tumor agent of claim 1 wherein the protein is in essentially isolated form.

Claims 10-13. (Canceled)

Claim 14. (Original) A pharmaceutical composition comprising as an active ingredient the anti-tumor agent of claim 1.

Claims 15-17. (Canceled)

Claim 18. (Original) A diagnostic reagent comprising as an active ingredient the anti-tumor agent of claim 1.

Claims 19-27. (Canceled)

Claim 28. (Withdrawn, Currently Amended) A method of treating or preventing cancer which comprises administering to a mammal in need thereof a pharmaceutical composition comprising as an active ingredient a therapeutically effective amount of ~~[[an]] the anti-tumor agent derived from reptile serum and comprising at least one serum protein found in normal reptiles~~ according to claim 1.

Claims 29 -30. (Cancelled)

Claim 31. (Withdrawn, Currently Amended) A method of diagnosing or imaging cancer comprising utilizing a diagnostic reagent comprising as an active ingredient ~~[[an]] the anti-tumor agent derived from reptile serum and comprising at least one serum protein found in normal reptiles~~ according to claim 1.

Claims 32-35. (Cancelled)

Claim 36. (New) The anti-tumour agent of claim 1 wherein the reptile is an alligator.